IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for power control in a communication system employing a ~~Downlink Shared Channel (DSCH)~~ downlink control channel and a ~~Forward Access Channel (FACH)~~ common physical control channel received by a plurality of mobile equipment in a cell, comprising:

applying power control on the ~~Downlink Shared Channel~~ downlink control channel transmitted to each one of the plurality of mobile equipment individually;

deriving power control information from the power control applied to the ~~Downlink Shared Channel~~ downlink control channel; and

applying ~~to the Forward Access Channel~~ the derived power control information from the power control applied to the ~~Downlink Shared Channel~~ downlink control channel to the common physical control channel in order to ~~produce~~ perform power control on the ~~Forward Access Channel~~ common physical control channel, wherein

the power control on the common physical control channel is performed so that combined transmission power for the plurality of mobile equipment is within a predetermined limit.

2. (Currently Amended) The method of claim 1 wherein deriving power control information from the power control on the downlink control channel ~~Downlink Shared Channel~~ comprises deriving power control information from a radio network control power control function.

3. (Currently Amended) The method of claim 1 wherein deriving power control information from the power control on the downlink control channel ~~Downlink Shared~~

~~Channel~~ comprises deriving power control information from a base station power control function.

4. (Currently Amended) The method of claim 1 wherein deriving power control information from the power control on the downlink control channel ~~Downlink Shared Channel~~ comprises deriving power control information from transport format combination set selection.

5. (Currently Amended) The method of claim 1 wherein applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises scheduling a plurality of common physical control channels ~~Forward Access Channels~~ in dependence on the derived power control information.

6. (Currently Amended) The method of claim 5 wherein scheduling comprises scheduling the plurality of common physical control channels ~~Forward Access Channels~~ based on a signal-to-interference difference power cost calculation.

7. (Currently Amended) The method of claim 5 wherein scheduling comprises scheduling the plurality of common physical control channels ~~Forward Access Channels~~ based on fixed signal/interference values.

8. (Currently Amended) The method of claim 6 wherein scheduling comprises scheduling the plurality of common physical control channels ~~Forward Access Channels~~ based on dynamically updated signal/interference values.

9. (Currently Amended) The method of any one of claim 1 wherein applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises queueing and serving of mobile stations with similar power requirements on a same common physical control channel ~~Forward Access Channel~~ at the same time.

10. (Currently Amended) The method of claim 1 wherein applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises grouping mobile stations with similar power requirements on a same common physical control channel ~~Forward Access Channel~~.

11. (Currently Amended) The method of claim 1 wherein the step of applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises grouping mobile stations with similar power requirements in a same scheduling interval of a same common physical control channel ~~Forward Access Channel~~.

12. (Previously Presented) The method of claim 1 wherein the system is a time division duplex communication system.

13. (Previously Presented) The method of claim 1 wherein the system comprises a UMTS wireless system.

14. (Previously Presented) The method of claim 1 wherein the system comprises a 3GPP system.

15. (Currently Amended) An apparatus for power control in a communication system employing a ~~Downlink Shared Channel (DSCH)~~ downlink control channel and a ~~Forward Access Channel (FACH)~~ common physical control channel received by a plurality of mobile equipment in a cell, the apparatus comprising:

~~means for applying~~ a processor configured to:

apply power control on the ~~Downlink Shared Channel~~ downlink channel transmitted to each one of the plurality of mobile equipment individually;

~~means for deriving~~ derive power control information from the power control applied to the ~~Downlink Shared Channel~~ downlink control channel; and

~~means for applying to the Forward Access Channel~~ apply the derived power control information from the power control applied to the ~~Downlink Shared Channel~~ downlink control channel to the common physical control channel in order to ~~produce~~ perform power control on the ~~Forward Access Channel~~ common physical control channel, wherein

the power control on the common physical control channel is performed so that combined transmission power for the plurality of mobile equipment is within a predetermined limit.

16. (Currently Amended) The apparatus of claim 15 wherein ~~the means for~~ deriving power control information from the power control on the downlink control channel ~~Downlink Shared Channel~~ comprises ~~means for~~ deriving power control information from a network control power control function.

17. (Currently Amended) The apparatus of claim 15 wherein ~~the means for~~ deriving power control information from the power control on the downlink control channel ~~Downlink~~

~~Shared Channel~~ comprises ~~means for~~ deriving power control information from a base station power control function.

18. (Currently Amended) The apparatus of claim 15 wherein ~~the means for~~ deriving power control information from the power control on the downlink control channel ~~Downlink Shared Channel~~ comprises ~~means for~~ deriving power control information from transport format combination set selection.

19. (Currently Amended) The apparatus of claim 15 wherein ~~the means for~~ applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises ~~means for~~ scheduling a plurality of common physical control channels ~~Forward Access Channels~~ in dependence on the derived power control information.

20. (Currently Amended) The apparatus of claim 19 wherein the ~~means for~~ scheduling comprises ~~means for~~ scheduling the plurality of common physical control channels ~~Forward Access Channels~~ based on signal/interference difference power cost calculation.

21. (Currently Amended) The apparatus of claim 19 wherein the ~~means for~~ scheduling comprises ~~means for~~ scheduling the plurality of common physical control channels ~~Forward Access Channels~~ based on fixed signal/interference values.

22. (Currently Amended) The apparatus of claim 19 wherein the ~~means for~~ scheduling comprises ~~means for~~ scheduling the plurality of common physical control channels ~~Forward Access Channels~~ based on dynamically updated signal/interference values.

23. (Currently Amended) The apparatus of claim 15 wherein ~~the means for~~ applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises ~~means for~~ queueing and serving of mobile stations with similar power requirements on a same common physical control channel ~~Forward Access Channel~~ at the same time.

24. (Currently Amended) The apparatus of claim 15 wherein ~~the means for~~ applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises ~~means for~~ grouping mobile stations with similar power requirements on a same common physical control channel ~~Forward Access Channel~~.

25. (Currently Amended) The apparatus of claim 15 wherein ~~the means for~~ applying power control information to the common physical control channel ~~Forward Access Channel~~ comprises ~~means for~~ grouping mobile stations with similar power requirements in a same scheduling interval of a same common physical control channel ~~Forward Access Channel~~.

26. (Previously Presented) The apparatus of claim 15 wherein the system is a time division duplex communication system.

27. (Previously Presented) The apparatus of claim 15 wherein the system comprises a UMTS wireless system.

28. (Previously Presented) The apparatus of claim 15 wherein the system comprises a 3GPP system.

29. (Previously Presented) A network control element comprising the apparatus claim 16.

30. (Previously Presented) A base station element comprising the apparatus of claim 17.